

FORM PTO-1390 (REV. 12-2001)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 059742-5002
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/573354	
INTERNATIONAL APPLICATION NO. PCT/US2004/031478	INTERNATIONAL FILING DATE September 27, 2004	PRIORITY DATE CLAIMED September 26, 2003	
TITLE OF INVENTION METHODS OF MODULATING INFLAMMATORY REACTIONS BY MODULATING XANTHINE OXIDOREDUCTASE ACTIVITY			
APPLICANT(S) FOR DO/EO/US Richard M. WRIGHT and John E. REPINE			
Applicant herewith submits to the United States Designated/ Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the international Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>			
Items 11. to 20. below concern document(s) or information included:			
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 w/PTO-1449, 4 documents listed.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer readable form of the sequence listing in accordance with PCT Rule.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: <ul style="list-style-type: none"> (a) PCT/ISA 220 and 210 (b) PCT/IB/301 (c) PCT/IB/304 (d) PCT/IB/308 (First Notice; Second and Supplementary Notice) </p>			

US APPLICATION NUMBER Known: 5637 CFR 1.5 Unknown: 10/573354	INTERNATIONAL APPLICATION NO. PCT/US2004/031478	ATTORNEY'S DOCKET NUMBER 059742-5002	
21. The following fees are submitted:		CALCULATIONS PTO USE ONLY	
BASIC NATIONAL FEE (37 CFR 1.492 (A) (1) - (5)):		\$300.00	
<input checked="" type="checkbox"/> Examination Fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....		\$100.00	
All other situations.....		\$200.00	
<input checked="" type="checkbox"/> Search Fee: Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... International Search Report prepared and provided to the Office..... All other situations.....		\$100.00 \$400.00 \$500.00	
TOTAL of 21, 22 and 23:			
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium), The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets 115 -100 =	Extra Sheets 15 /50 =	Number of each additional 50 or fraction thereof (round UP to a whole number) RATE \$250.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h))		\$ 750.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims Independent Claims	25 - 20 = 4 - 3 =	5 1	x \$50 x \$200
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (if applicable)		x 360	
TOTAL OF ABOVE CALCULATIONS		\$	1,150.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees reduced by ½.		- \$	
SUBTOTAL =		\$	1,150.00
Processing fee of \$130.00 for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			
TOTAL NATIONAL FEE		=	\$ 1,150.00
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). x \$40.00 per property			\$
TOTAL FEES ENCLOSED		=	\$ 1,150.00
		Amount to be refunded:	
		charged: \$1,150.00	
<input type="checkbox"/> A check in the amount of \$0.00 to cover the above fees is enclosed <input checked="" type="checkbox"/> Please charge Deposit Account No. 50-0310 to cover the above fees. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0310.			
Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.			
22. <input type="checkbox"/> Other instructions			
23. <input checked="" type="checkbox"/> All correspondence for this application should be mailed to MORGAN, LEWIS & BOCKIUS LLP 009629			
24. <input checked="" type="checkbox"/> All telephone inquiries should be made to 202.739.3000.			
for Gregory T. Lowen NAME Sally P. Teng	SIGNATURE Gregory Lowen (Reg. No. 46,882)	45,397 REG. NO.	March 24, 2006 DATE